A retrospective comparison of drugs against COVID-19

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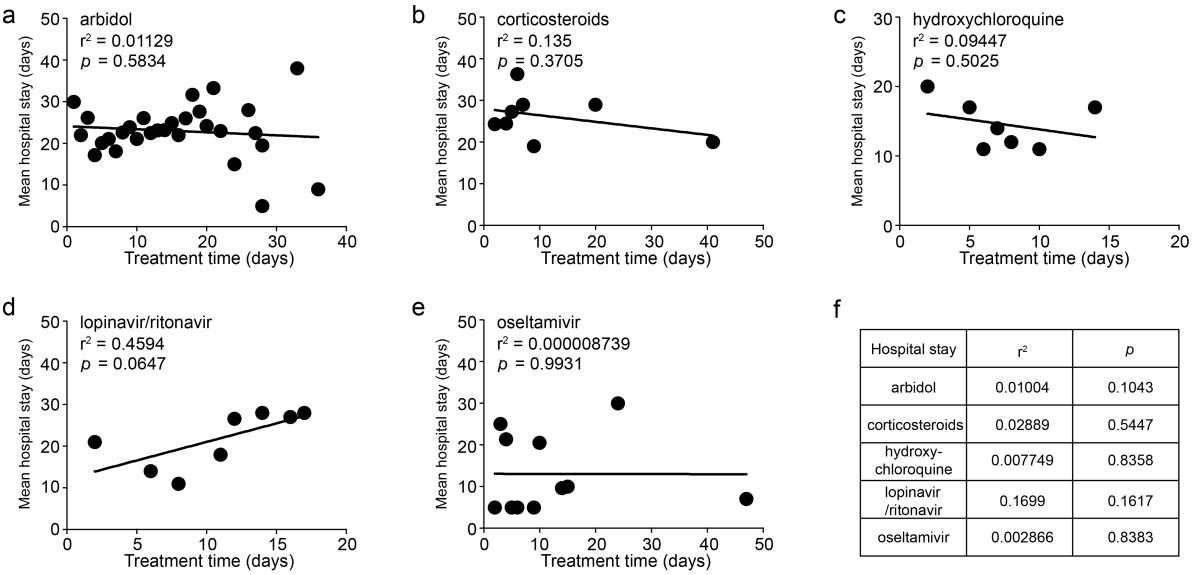

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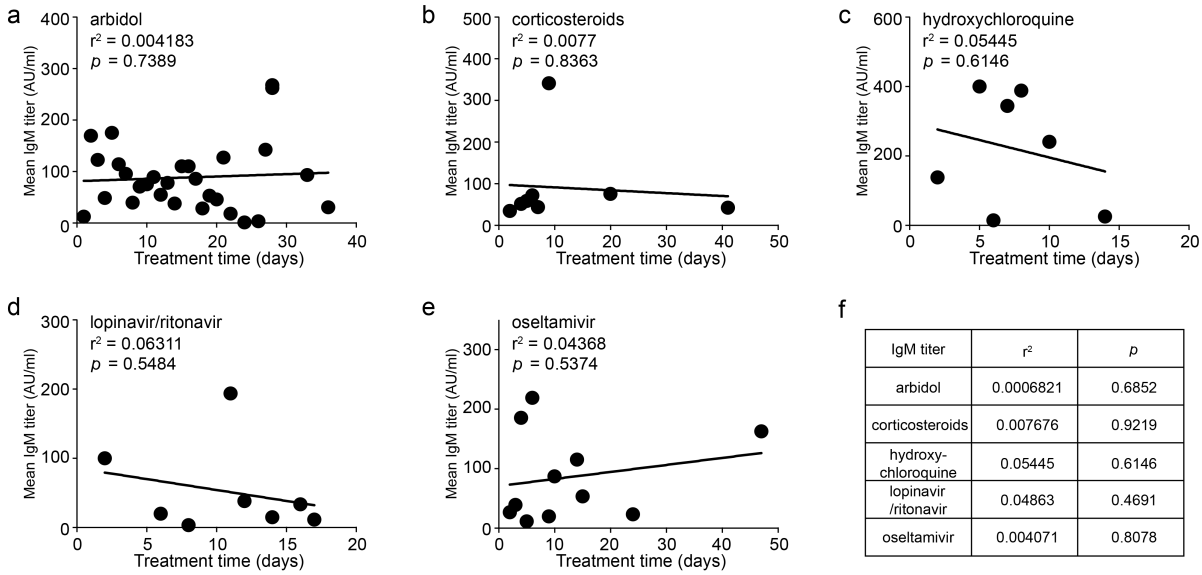
Hospital stay	r^2	*p*
arbidol	0.01004	0.1043
corticosteroids	0.02889	0.5447
hydroxy-chloroquine	0.007749	0.8358
lopinavir /ritonavir	0.1699	0.1617
oseltamivir	0.002866	0.8383

Supplementary Figure 1. Correlation analyses of treatment time and the length of hospital stay. Correlation analyses between the treatment time and the mean length of hospital stay with the same treatment time were performed for (a) arbidol, (b) corticosteroids, (c) hydroxychloroquine, (d) lopinavir/ritonavir, and (e) oseltamivir. (f) Correlation analyses between treatment time and the length of hospital stay were performed in individual patients for the five drugs. *P* value was calculated using Pearson's correlation test.



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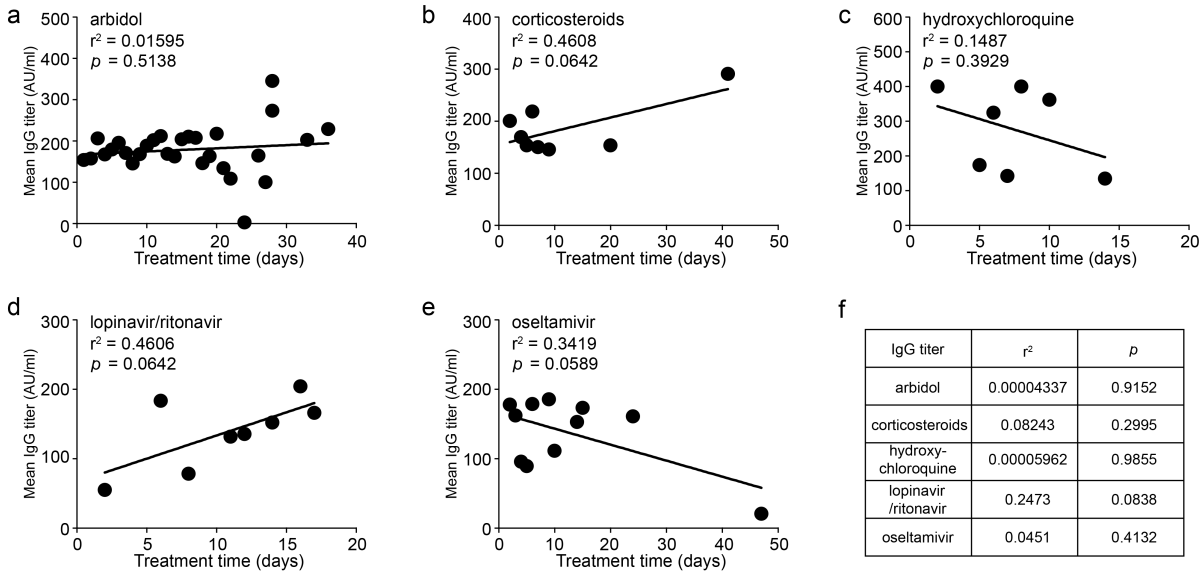
IgM titer	r^2	*p*
arbidol	0.0006821	0.6852
corticosteroids	0.007676	0.9219
hydroxy-chloroquine	0.05445	0.6146
lopinavir /ritonavir	0.04863	0.4691
oseltamivir	0.004071	0.8078

Supplementary Figure 2. Correlation analyses of treatment time and serological IgM titer.

Correlation analyses between the treatment time and the mean serological IgM titer with the same treatment time were performed for (a) arbidol, (b) corticosteroids, (c) hydroxychloroquine, (d) lopinavir/ritonavir, and (e) oseltamivir. (f) Correlation analyses between treatment time and serological IgM titer were performed in individual patients for the five drugs. *P* value was calculated using Pearson's correlation test.



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IgG titer	r^2	*p*
arbidol	0.00004337	0.9152
corticosteroids	0.08243	0.2995
hydroxy-chloroquine	0.00005962	0.9855
lopinavir /ritonavir	0.2473	0.0838
oseltamivir	0.0451	0.4132

Supplementary Figure 3. Correlation analyses of treatment time and serological IgG level.

Correlation analyses between the treatment time and the mean serological IgG level with the same treatment time were performed for (a) arbidol, (b) corticosteroids, (c) hydroxychloroquine, (d) lopinavir/ritonavir, and (e) oseltamivir. (f) Correlation analyses between treatment time and serological IgG level were performed in individual patients for the five drugs. *P* value was calculated using Pearson's correlation test.